

Docket No.: 50212-569

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of

Manabu SHIOZAKI, et al.

Serial No.: 10/764,497

Filed: January 27, 2004

For: DIFFRACTION GRATING ELEMENT, PRODUCTION METHOD OF DIFFRACTION GRATING ELEMENT, AND METHOD OF DESIGNING DIFFRACTION GRATING ELEMENT

: Customer Number: 20277
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: Confirmation Number: 6260
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: Group Art Unit: Not yet assigned
:
: Examiner: Not yet assigned
:

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevance of each non-English language reference, if any, is discussed in the present specification.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

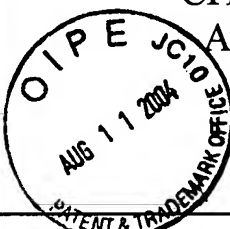
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A handwritten signature in black ink, appearing to read 'Arthur J. Steiner', is written over the printed name.

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<div>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</div> <div><div>(PTO-1449)</div></div>		ATTY. DOCKET NO. 50212-569		SERIAL NO. 10/764,497	
		APPLICANT Manabu SHIOZAKI, et al.			
		FILING DATE January 27, 2004		GROUP Not yet assigned	
U.S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
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FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear
					Yes No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		KASHIKO KODATE; "Development of Diffractive Optics and Future Challenges"; <u>Japan Women's Bulletin</u> , Department of Mathematical and Physical Sciences, Vol. 10; c. 2002; pp. 7-24			
		HENDRIK J. GERRITSEN et al.; "Rectangular Surface-Relief Transmission Gratings with a Very Large First-Order Diffraction Efficiency (~95%) for Unpolarized Light"; <u>Applied Optics</u> ; Vol. 37, No. 25; c. 1998; pp. 5823 - 5829			
		Summary of Workshop on Nanotech-Material Associated with Devices; c. 2002; pp. 125 - 127			
		Nanotech Weekly, Vol. 1133, c. 2003, pp. 6-21			
EXAMINER			DATE CONSIDERED		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.